

GUIDANCE DOCUMENT

SEC III—IL—TECHNICAL GUIDE Guidance Documents—Cropland

Identified problems: Sheet and rill erosion, ephemeral and gully erosion. Soil test infrequent and covers 10-15 acres. Livestock manure storage and proper application are nonexistent. Timber is pastured or not managed. Cattle pasturing streambanks. Wildlife population is below potential. Pasture (bluegrass) is overgrazed.

Resource Setting

CRA-T-MLRA-105

Soils: Fayette 280D2

Land use: Livestock farm 3 years corn-oats-3 years hay (cropland)

Applied practices: Waterways & cross slope farming

Tillage operations: Chisel disk 20%

| RMS Practices | RESOURCE CONCERNs | SOIL | | WATER | | ANIMALS | |
|--|-------------------|---------|--------------|------------|---------------|---------|---------------|
| | | Erosion | Sheet & Rill | Streambank | Surface Water | Habitat | Cover/Shelter |
| Alt. #1 | | | | | | | |
| 328 Conservation Crop Rotation | | Mod+ | Mod+ | SI+ | SI+ | Mod+ | Mod+ |
| 329b Residue Management, Mulch Till | | Mod+ | Mod+ | SI+ | 0 | SI+ | SI+ |
| 330 Contour Farming | | SI+ | SI+ | SI+ | SI+ | 0 | 0 |
| 382 Fencing | | Mod+ | Mod+ | SI+ | Sig+ | Mod+ | Mod+ |
| 386 Field Border | | Mod+ | Mod+ | SI+ | 0 | Mod+ | Mod+ |
| 410 Grade Stabilization Structure | | 0 | Sig+ | SI+ | 0 | SI+ | SI+ |
| 412 Grassed Waterway | | 0 | Sig+ | SI+ | 0 | SI+ | SI+ |
| 472 Livestock Exclusion | | Mod+ | Mod+ | Sig+ | Mod+ | Mod+ | Sig+ |
| 512 Pasture & Hayland Planting | | Sig+ | Mod+ | Mod+ | Mod+ | Mod+ | SI+ |
| 516 Pipeline | | Sig+ | Mod+ | Mod+ | Mod+ | Mod+ | 0 |
| 528a Prescribed Grazing | | 0 | 0 | SI+ | 0 | SI+ | 0 |
| 590 Nutrient Management | | 0 | 0 | Sig+ | 0 | Sig+ | N/A |
| 595 Pest Management | | 0 | N/A | N/A | N/A | Mod+ | 0 |
| 614 Tank or Trough | | SI+ | 0 | 0 | Sig+ | 0 | SI+ |
| 633 Waste Utilization | | SI+ | SI+ | SI+ | 0 | 0 | Sig+ |
| 645 Upland Wildlife Habitat Management | | | | | | | |